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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/633,467	07/31/2003	Corey Billington	10017470-1	5422

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EXAMINER

ELAMIN, ABDELMONIEM I

ART UNIT	PAPER NUMBER
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2116

DATE MAILED: 02/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/633,467	Applicant(s) BILLINGTON ET AL.	
	Examiner A Elamin	Art Unit 2116	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10/12/2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 29 is/are allowed.
- 6) ☐ Claim(s) 1-7, 9-16, 18-25, 27 and 28 is/are rejected.
- 7) ☒ Claim(s) 8, 17 and 26 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

2. Claims *1-7, 12-15, 18-21, 23-25 and 27-28*, are rejected under 35 U.S.C. 102(b) as being anticipated by Collard et al, US. Pat. No. 6,181,893.

3. Claims *1, 3, 20 and 24*, Collard teaches a network-attached peripheral appliance (NAPA) [*title, abstract*], comprising:

a powered peripheral node (PPN) [*the digital copying apparatus 1 of Fig. 2*], enabling connection of a plurality of selected peripheral devices [*printer 5 and scanner 3 of Fig. 2*] to a network at a network node without a computer at said network node [*Fig. 2, col. 1, lines 11-19*], the PPN including:

a data connection enabling data communication between the NAPA and the network, configured to accommodate data connection of the plurality of peripheral devices at the NAPA [*cable 171 of Fig. 1, col. 4, lines 29-31*];

a power supply configured to provide power to the plurality of peripheral devices [*inherently digital image reproduction apparatuses comprise a power supply*], the PPN enabling use of the plurality of peripheral devices connected to the NAPA by users on the network [*workstations 11a-11c of Fig. 2*]; and

at least one case configured to carry and operatively support the PPN and at least one of the plurality of peripheral devices [*apparatus 1 of Figs 1 and 2*].

4. Claim 2, Collard teaches the connection comprises a wired connection [*see Figs 1 and 2*].

5. Claim 4, Collard teaches at least one of the connected peripheral devices is one of: an image output device; an image capture device; a data storage device; a printer; and a data connection hub [*scanner 3 and printer 5 of Fig. 2*].
6. Claims 5-7 and 21, Collard teaches one of the peripheral devices comprises a printer, the NAPA being configured to reside within a dimensional footprint of the at least one case carrying the printer [*Figs. 1 and 2*].
7. Claims 12 and 23, Collard teaches a first case portion and second case portion, wherein the first case portion carries the PPN and the second case portion carries at least one of the peripheral devices and is connectable to the first case portion.
8. Claims 13 and 14, Collard teaches the at least one peripheral device comprises a printer, and the PPN and the printer are carried within the at least one case and share at least a power supply [*Figs 1 and 2*].
9. Claim 15, Collard teaches at least one additional peripheral device carried in the case with the PPN and the printer [*scanner 3 of Fig. 2*].
10. Claim 18, Collard teaches an enabling key, wherein connection of at least one of the plurality of peripheral devices to the appliance is made allowable or discouraged by the key [*selection key 64A of Fig. 3, col. 5, lines 47-65*].
11. Claim 19, Collard teaches the key comprises one of an electronic key and a physical compatibility key [*selection key 64A of Fig. 3*].
12. Claim 25, Collard teaches enabling connection of a plurality of peripheral devices other than a plurality of devices consisting of a combination of only a printer and a scanner [*the user interface UI 13 of Figs. 1 and 3*].

13. Claims 27 and 28, Collard teaches housing the PPN appliance within a case and with a printer [*Figs. 1 and 2*].

Claim Rejections - 35 USC § 103

14. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

15. Claims 9-11, 16 and 22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Collard et al, US. Pat. No. 6,181,893 in view of Mui et al, US. Pat. No. 6,160,642.

16. Claims 9-10 and 16, Collard fails to teach a bay configured to for connection of one of the peripheral devices.

Mui teaches integrated printer and scanner, the scanner being configured to reside within the dimensional footprint of the at least one case carrying the printer and a bay configured for receiving at least one of the peripheral devices [*title, abstract, Fig. 1*].

It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Collard to include a bay configured for receiving at least one of the peripheral devices, because it has the advantage of using less desk-top or table-top space.

17. Claims 11, 22, both Collard and Mui fail to teach the data connection comprises a wireless data connection.

However, the concept of communicating data wirelessly is old and well known in the art.

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It would have been obvious to one of ordinary skill in the art at the time the invention was made to modify the system of Collard to have the P/PPN communicate the data wirelessly, because it eliminates the need for peripheral cables.

Allowable Subject Matter

18. Claims 8, 17 and 26 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

19. Claim 29 is allowed.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to A Elamin whose telephone number is (571) 272-3674. The examiner can normally be reached on MON-FRI 9:30 AM - 6:00 PM.

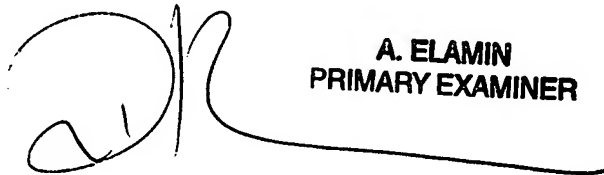
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne Browne can be reached on (571) 272-3670. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A Elamin
Primary Examiner
Art Unit 2116

January 29, 2005



A. ELAMIN
PRIMARY EXAMINER